

Joint Actions for Farmer Health and Mental Wellbeing

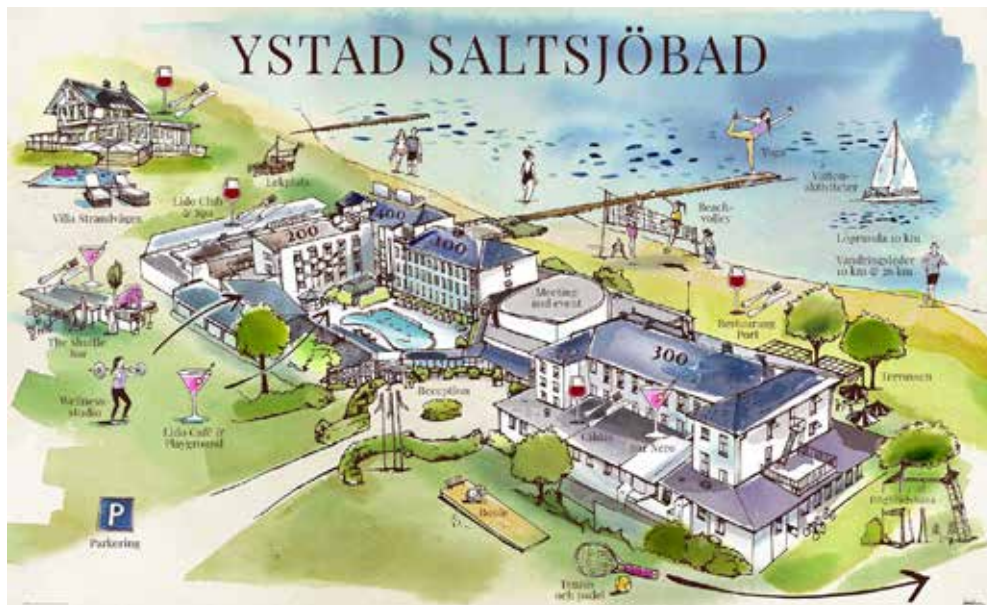


Photo: Jenny Svennås-Gillner

Nordic Meeting on Agricultural Occupational Health

NMAOH 2025

Ystad, Sweden 2-4 September 2025



Welcome to Ystad, Sweden and the 2025 Nordic Meeting

We are delighted to welcome you to the 2025 Nordic Meeting on Agricultural Occupational Health which is held at Ystad Saltjöbad, Ystad, in the very south of Sweden.

The Nordic meeting has been organized by the Nordic countries (Sweden, Finland, Denmark & Norway) over a 25-year period, with the first event year 2000 at the SLU campus in Alnarp. During this period of time the interval between our meetings has often been 1 or 2 years or even longer, but now it's time to meet again! The meetings are organized by different stakeholders without any common meeting organization.

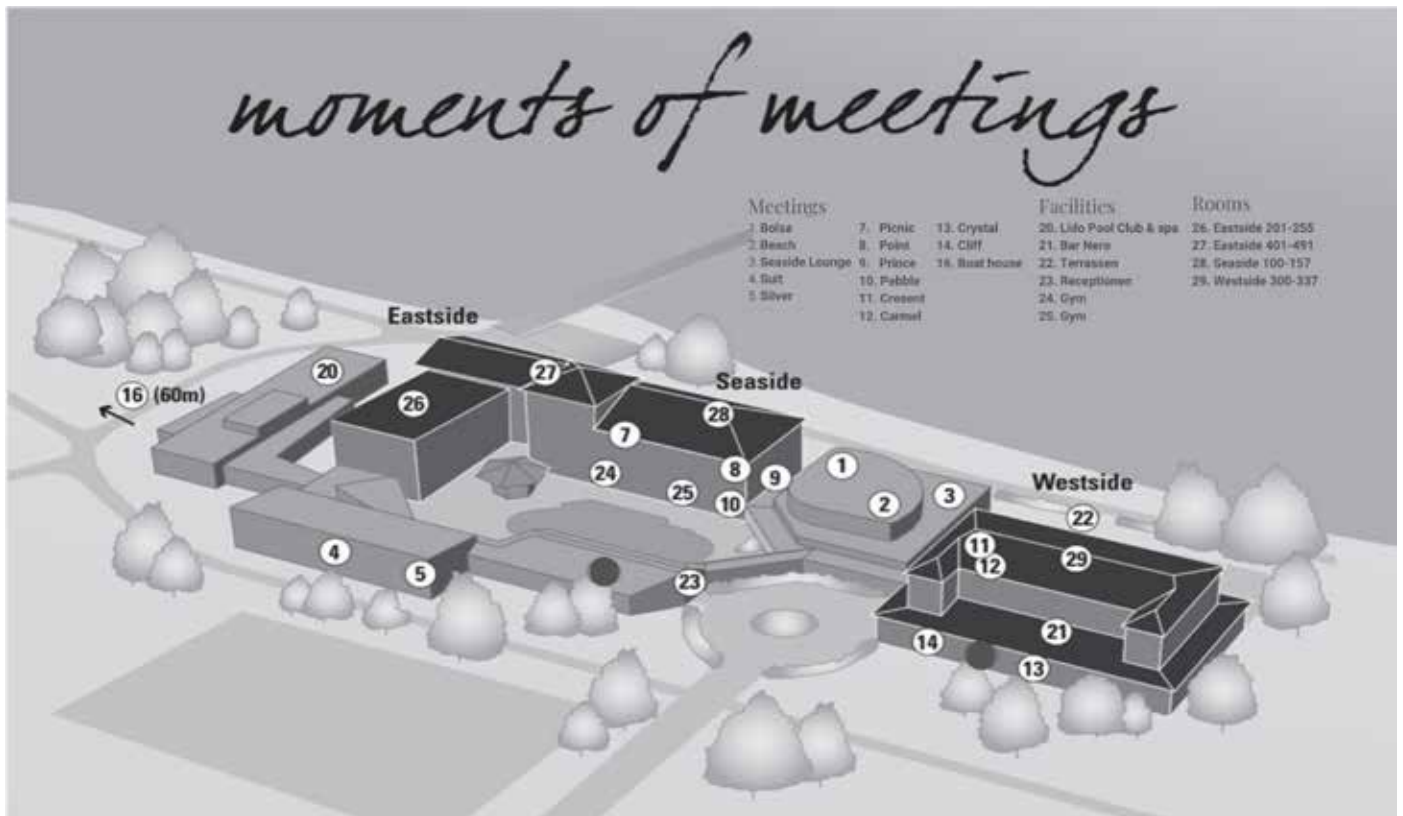
This year the Nordic meeting is hosted by the Swedish University of Agricultural Sciences (SLU) and partly supported by EU fundings through an initiative by the Swedish Board of Agriculture. Special thanks to Lina Edvardsson, Amanda Enström and Thomas Dalkvist. Thanks also to the SLO-fund at the Royal Swedish Academy of Agriculture and Forestry for additional funding, making it possible to invite Leila McDougall from Australia to present and discuss the outcome of her movie *Just a farmer*. The theme of the event 2025 is: *Joint Actions for Farmer Health and Mental Wellbeing* to show the importance of working together to improve and support farmer health and wellbeing. It is also the focus of a new national program in Sweden 2024 – 2028 called *Lantlyftet* organized by the Swedish Federation of Green Employers and funded by EU through the Swedish Board of Agriculture.

There has been a great interest to present and participate this year, with more than 100 participants from the Nordic countries as well as other countries around the globe!

Wishing you all great days in Ystad & Skåne – the very south of Sweden!

Peter Lundqvist

Chair of the 2025 Nordic Meeting



Above you see the different meeting rooms and facilities of the venue in Ystad.

PROGRAM

Tuesday 2 September – Day 1

10.00-13.00 Registration

11.30 Lunch

**12.45 Official Opening Session
(Meeting room: Bolsa Beach – all day)**

- Swedish University of Agricultural Sciences – Peter Lundqvist
- Ministry of Rural Affairs and Infrastructure – Anders Drottja
- Swedish Federation of Green Employers – Camilla Backlund
- Federation of Swedish Farmers – Maria Hofvendahl Svensson
- Swedish Work Environment Authority – Peter Burman

14.00 Nordic perspectives on health & safety in agriculture

- Denmark – Helle Birk Domino, GLS-A
- Norway – Halle Arnes, Norsk Landbruksrådgiving SA
- Sweden – Cecilia Lindahl, RISE / LAMK
- Finland – Janne Karttunen, TTS Work Efficiency Institute

15.30 Break with coffee & refreshments

16.00 Lantlyftet – a national program for agricultural health & safety in Sweden, Sara Westholm & Åsa-Lina Nordlund, Lantlyftet, Sweden

16.30 Building Safer and Healthier Farms Together:

How SafeHabitus Transforms Agricultural Health and Safety Through Multi-Actor Collaboration, David Meredith, Teagasc, Ireland

17.15 Free time

18.30 Dinner

21.00 Late night movie “Just a Farmer” together with Leila McDougall, Australia. Snacks & refreshments!



Leila is an Australian filmmaker, writer, and advocate known for her work on the feature film Just a Farmer (2024). The film addresses mental health challenges in rural communities and has been recognized for sparking critical conversations about the well-being of farming families. Leila will introduce this movie and discuss the outcome of the movie in Australia.



Photo: Private

Wednesday 3 September – Day 2

08.00- 09.00 Registration

08.15 Keynote Leila McDougall, Australia (Meeting room Bolsa Beach)

Identity of farmers and its impact on mental health, as well as the important role that film and TV play in shaping that identity in the wider community.

Concurrent sessions, Oral presentations 1: 09.00 – 10.00

Mental Health and wellbeing (Meeting room Bolsa Beach)

- *Beneath the Surface – Mental Health Among Farmers in Danish Agriculture*, **Christina Edstrand, Denmark**
- *Stress and mental health among Swedish farmers – challenges and coping strategies*, **Peter Lundqvist, Sweden**
- *Back-on-Track: An innovative co-designed approach to peer-led mental health support in farming communities*, **Alison Kennedy, Australia**

Injuries and injury prevention (Meeting room Picnic)

- *Using agricultural injury and illness data from social insurance records for evidence-based prevention*, **Risto Rautiainen, USA/Finland**
- *Leveraging Emergency Medical and Trauma Registry for Agricultural Injury Surveillance*, **Serap Gorucu, USA**
- *Understanding risk behavior through anthropological field work and AI-based analysis of incidents*, **Marianne Norup, Denmark**

Education and learning (Meeting room Point)

- *Enhancing Pesticide Safety Training for Young Adults through Immersive Technology in the Southeastern U.S.* **Carolyn Sheridan, USA**
- *Safe Respirator Use by Youth in Agriculture: A Review of Pediatric Filtering Facepiece Respirator Use*, **Jenna Gibbs, USA**
- *Shifting Gears: Transforming Teacher-led Farm Safety Education for Young Australians*, **Jacque Cotton, Australia**

Wearable Devices and new technologies (Meeting room Cliff)

- *The impact of passive exoskeletons on perceived physical strain in primary food production*, **Janne Karttunen, Finland**
- *Application of Wearable Devices and New Technologies to Protect Farmworkers*, **Farzaneh Khorsandi, USA**
- *Smart workwear as a tool for accurate, continuous monitoring of postural exposure during work – an example from the equine sector*, **Cecilia Lindahl, Sweden**

10.00 Break with coffee & refreshments

Concurrent sessions, Oral presentations 2: 10.30 – 11.30

Mental Health and wellbeing (Meeting room Bolsa Beach)

- *Financial Stress and Symptoms of Anxiety and Depression among Farm Parents*, **Josie M Rudolphi, USA**
- *A Mixed-Methods Exploration of the Impacts of Food System Centralization on Male Farmers, Rural Masculinity, and Mental Health*, **Conor Hammersley, USA**
- *Unequal Fields: Gender Disparities in Mental Health and Substance Among Agricultural Producers*, **Cheyenne Dierickx, USA**

Injuries and injury prevention (Meeting room Picnic)

- *Behavioral Science Insights: Nudging Workers and Employers Toward Safer Behaviors*, **Julie Sorensen, USA**
- *Changing the Risk Culture in Agriculture: A Pathway to Fewer Accidents*, **Christina Edstrand, Denmark**
- *10 Years of Creating a Community-of-Practice: Rural Firefighters Delivering Agricultural Safety and Health (RF-DASH) in Review*, **Jacob Hanschu, USA**

Advisory services (Meeting room Point)

- *Holistic HSE Advisory for Agriculture: Experience, Expertise, and Safety*, **Ellen Helstad, Norway**
- *Easing farmers' regulatory burden: The role of farm advisors*, **Lisa Blix Germundsson, Sweden**
- *Best Practices from Germany – SVLFG Services for Farmer Health and Mental Wellbeing*, **Sarah Öztürk, Germany**

Farmworkers, farmers and fisheries (Meeting room Cliff)

- *Promoting mental well-being among farmworkers*, **Athena Ramos, USA**
- *Early Support Services for Work Ability for Farmers, Reindeer Herders, and Fishermen*, **Arja Peltomäki-Vastamaa, Finland**
- *Beneath the Surface: Mental Health in Commercial Fisheries*, **Amanda Roome, USA**

11.30-12.30 **Lunch**

Concurrent sessions, Oral presentations 3: 12.40 – 14.30

Mental Health and wellbeing (Meeting room Bolsa Beach)

- *The Mental Well-Being of Women in Farming*, **Sarah Nyczaj Kyle, United Kingdom**
- *Unpacking Farmer Identity: Layers, Meaning, and Mental Health Impacts*, **Rebecca Purc-Stephenson, Canada**
- *Facilitating faith community-behavioral health sector partnerships in agricultural communities*, **Lorann Stallones, USA**
- *Building resilience in agriculture-dependent communities: recommendations and initiatives informed by a review of the evidence*, **Alison Kennedy, Australia**

- *Lack of Structure and Control – An Underestimated Cause of Mental Health Issues Among Farmers*, **Björn Rudman, Sweden**

ATV / Quadbike safety (Meeting room Picnic)

- *Impact of Mandatory All-Terrain Vehicle (ATV) Training in Ireland, A Safety Practitioner's Perspective*, **Andrew Reilly, Ireland**
- *Understanding Barriers to ATV Safety in Agriculture and Forestry*, **Carola Häggström Sweden**
- *Enhancing Safety in Agricultural All-Terrain Vehicles (ATVs) Operations: An Overview of Lab Research*, **Farzaneh Khorsandi, USA**
- *Perspectives of ATV / Quadbike safety – a panel discussion with the presenters and representatives from manufactures of CPD (Crush protection devices):* **David Roberson, Australia & Garton Kingsley, New Zealand.**
Chair: Farzaneh Khorsandi, USA

Health & safety in dairy production (Meeting room Point)

- *Cattle farmers; their total strain, its influence on well-being and wanted health-promotion interventions*, **Anette Dølen, Norway**
- *Evaluation of safety leadership training effectiveness and supervisor behavior change in U.S. dairy farm operations*, **David Doupbrate, USA**
- *Improving workplace safety climate through a dairy farm supervisor e-learning program*, **Pete Kines, Denmark**
- *Automatic milking system and the new way of work: Some preliminary results from an ongoing ethnographic study*, **Isa Larsson, Sweden**
- *Avian Influenza on Dairy Farms in the U.S.: The Human Impact in a Challenging Working Environment*, **David Doupbrate, USA**

Farm safety - Good practices (Meeting room Cliff)

- *Good Practices in Selected Farm Safety and Health Risk Management Tools*, **Jarkko Leppälä, Finland**
- *Good practices for farm safety and farmer health*, **Tiina Mattila, Finland**
- *Managing safe and sustainable work processes in Swedish agriculture: Insights from field observations*, **Pia Ulvenblad, Sweden**
- *Cultivating Health and Safety: Driving Behavior Change for the Next Generation of Agriculture*, **Stefan Mandić-Rajčević, USA/Serbia**
- *Safety work in agri-business – What do we know and where do we go?* **Christa Amnel, Sweden**

14.30 Break with coffee, refreshments and poster viewing

15.15 Past, Present and Future of farm safety and farmer health research. (Meeting room Bolsa Beach)

A panel session with David Meredith, Ireland; Risto Rautiainen USA/Finland; Alison Kennedy, Australia; Julie Sorensen, USA & Peter Lundqvist, Sweden. Moderator: John G McNamara, Ireland

16.45 Free time

20.00 Conference Dinner

Thursday 4 September – Day 3

08.00- 09.00 Registration

Concurrent sessions, Oral presentations 4: 08.30 – 10.15

Mental Health & wellbeing (Meeting room Bolsa Beach)

- *Evaluating Farmer Well-being Across Diverse Farming Profiles in Europe*, **Laura Girdžiūtė, Lithuania**
- *Priority Strategies for Strengthening Irish Farmer Wellbeing: Findings from the FarMHealth and SafeHabitat projects*, **Joseph Firnhaber, Ireland**
- *North Central Farm and Ranch Stress Assistance Center: Resources and Services to Support Agricultural Producers and Workers*, **Stephanie Acevedo, USA**
- *Farm Stress Certified: A course to Increase mental health professionals' capacity to serve agricultural workers*, **Dee Jepsen, USA**

Injuries and injury prevention (Meeting room Picnic)

- *Reducing Agricultural Machinery Accidents: Expert Group Analysis and Recommendations*, **Kent Jacob Nielsen, Denmark**
- *Which Technologies Make Australian Farm Machinery Safer? Developing A Decision Support Tool for Agricultural Safety Effectiveness*, **Jacquie Cotton, Australia**
- *AGRO-WELL Agricultural Robotics and Augmented Reality for Workplace Enhancement and Labour Linkage*, **Martina Jakob, Germany**
- *Occupational Safety Card Training for Agricultural Entrepreneurs*, **Anna-Riikka Pukari, Finland**

Exposures and health (Meeting room Point)

- *Manure Gas Accidents in Norwegian Agriculture 2000–2024*, **Ellen Kristina Baclayon Johansen, Norway**
- *Inhalable dust concentrations in broiler chicken production during farm tasks*, **Matthew Nonnenmann, USA**
- *Hearing Loss and Physical Activity in Aging Farmers*, **Jan Moore, USA**
- *Putting the Farmer First: Collaborating to support the physical and behavioral health of people working in agriculture in Colorado and beyond*, **Clinton Wilson, USA**

10.15 Break with coffee, refreshments and poster viewing

11.00 Concluding session – impressions from the Nordic meeting
(Meeting room Bolsa Beach)

12.00 Lunch

13.15 Excursion with Swedish fika – a bus tour

(horticulture & agriculture) – meet outside hotel (Buses leave exactly at 1.15 p.m)

**Alternative 1: Horticulture –
The Raspberry farm – Hallongården**

<https://www.hallongarden.se/>



Photo: Hallongården

**Alternative 2: Agriculture –
The Organic Farm - Ängavallen**

www.angavallen.se



Photo: Ängavallen

16.00 After the excursion the buses will take you to Hyllie Railway station and/or Malmo Central station

Poster viewing and presentations (during breaks day 2 & 3)

1. Biomechanical Analysis of Watermelon Harvesting

Serap Gorucu, Peigeng Zhang, Tom Burks, USA

2. Occupational and Non-Occupational Chainsaw Injuries

Serap Gorucu, Judd Michael, USA

3. Strengthened working conditions for labor in the horticultural sector

Catharina Alwall Svennefelt, Eva Göransson, Sweden

4. What does the green transition mean for Swedish and Nordic agriculture and it's impact on the environment

Peter Lundqvist, Catharina Alwall Svennefelt, Eva Göransson, Sweden

5. Development and Validation of Linear Regression Models for Predicting Wet-Bulb Globe Temperature to Prevent Heat-Related Illness Among Farmworkers

Minyoung Hong, Farzaneh Khorsandi, USA

6. Educational intervention project to improve farm safety and health

Hyeseon Chae, Dongphil Choi, Yuri Lee, Lmkyung Kim, Kyungran Kim, South Korea

7. Embedded Sensor System for Evaluating the Dynamic Stability of Agricultural All-Terrain Vehicles

Fernando Santos, Farzaneh Khorsandi, USA

8. Impact of Load Characteristics on the Static Stability of Agricultural All-Terrain Vehicles

Fernando Santos, Farzaneh Khorsandi, USA

9. Predicting Wet-Bulb Globe Temperature Using Linear Regression for Heat-Related Illness Prevention in Farmworkers

Minyoung Hong, Farzaneh Khorsandi, USA

10. Enhancing Farm Safety through Crop-Specific Safety Management Practices

Yuri Lee, Lmkyung Kim, Hyeseon Chae, Dongphil Choi, Kyungran Kim, South Korea

Nordic Meeting on Agricultural Occupational Health 2000 – 2025



**25 Years of Nordic collaboration on Health & Safety
in Agriculture & with international participation**